

**AMENDMENTS TO THE ABSTRACT**

Please substitute the following paragraph(s) for the abstract now appearing in the currently filed specification:

**ABSTRACT**

The invention relates to novel methods of regulating metabolism and mitochondrial biogenesis. Some aspects of the invention relate to methods of treating or preventing diseases in a patient associated with reduced mitochondrial function, to methods of identifying agents to treat such diseases, and to methods of diagnosing such diseases. Other aspects of the invention relate to a set of coordinately-regulated genes which regulate oxidative phosphorylation.